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(54) Title: **PROCESS FOR THE PREPARATION OF VANADYL SULFATE SOLUTION**

(57) Abstract: A process for producing a vanadyl sulphate solution (VOSO₄) comprises forming a suspension of vanadium trioxide (V₂O₃) in a sulphuric acid solution and contacting the V₂O₃ suspension with a strong oxidising agent under controlled conditions to produce the VOSO₄ solution. A preferred oxidising agent is hydrogen peroxide, which is added very slowly to the V₂O₃ suspension due to the violent nature of the reaction.